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PATENT  
03-0325/012818

Handwritten signature and date: 3/25/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ray F. Campbell, et al.

Serial No.: 10/604,624

Group Art Unit: 3661

Filed: August 5, 2003

Examiner:

For: FLEXURE PLATE CAPACITIVE COMPASS

DECLARATION

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Licensing and Review

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MAR 25 2004  
LICENSING & REVIEW

Dear Sir/Madam:

I, Ray F. Campbell, a citizen of the United States of America, residing at 960 Gardenia Way, Corona del Mar, CA 92625, declare:

That I made and conceived the invention described and claimed in patent application Serial No. 10/604,624, filed in the United States of America on August 5, 2003, entitled "Flexure Plate Capacitive Compass" with Joan D. Wada;

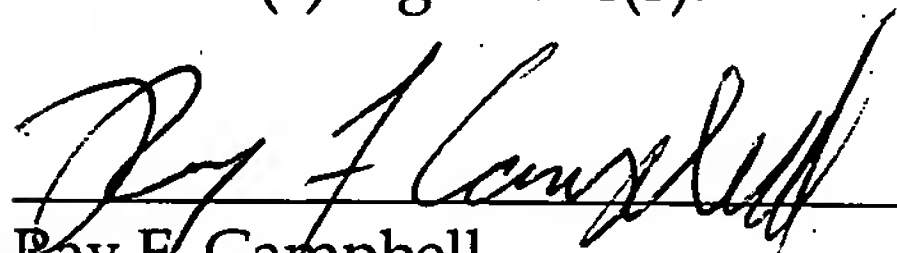
That I made and conceived this invention while employed by The Boeing Company. That the invention is related to the work I am employed to perform and was made within the scope of my employment duties;

That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of The Boeing Company;

That to the best of my knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration;

The undersigned inventor declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor(s) Signature(s):

  
Ray F. Campbell

Date: March 12, 04

Post Office Address:

Artz & Artz, P.C.  
28333 Telegraph Road  
Suite 250  
Southfield, MI 48034  
Telephone: 248-223-9500

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03-0325/012818

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In re Application of:

Ray F. Campbell, et al.

Serial No.: 10/604,624

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Dear Sir/Madam:

I, Joan D. Wada, a citizen of the United States of America, residing at 7946 E. Bauer Road, Anaheim, CA 92808, declare:

That I made and conceived the invention described and claimed in patent application Serial No. 10/604,624, filed in the United States of America on August 5, 2003, entitled "Flexure Plate Capacitive Compass" with Ray F. Campbell;

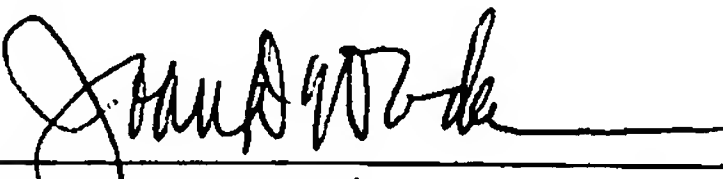
That I made and conceived this invention while employed by The Boeing Company. That the invention is related to the work I am employed to perform and was made within the scope of my employment duties;

That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of The Boeing Company;

That to the best of my knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration;

The undersigned inventor declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor(s) Signature(s):

  
Joan D. Wada

Date: 3/12/04

Post Office Address:

Artz & Artz, P.C.  
28333 Telegraph Road  
Suite 250  
Southfield, MI 48034  
Telephone: 248-223-9500

*[Handwritten signature]*

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MAR - 8 2004



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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/604,624	08/05/03	CAMPBELL, ET AL.	BOE 0408 PA

ARTZ & ARTZ, P.C.  
28333 TELEGRAPH RD.  
SUITE 250  
SOUTHFIELD, MI 48034

EXAMINER	
ART UNIT	PAPER NUMBER
PATENT & TRADEMARK OFFICE	

ENTERED CPI

*4-17-04*

Date: *[Signature]*  
By: *[Signature]*

DATE MAILED:

MAILED

MAR 4 2004

*Resp Due 4-18-04*  
LICENSING & REVIEW

**IF NO RESPONSE TO THIS NOTICE IS RECEIVED WITHIN FORTY-FIVE DAYS, A  
FORMAL REQUIREMENT WILL BE ISSUED**

The subject matter of this application appears to:

- ☐ be "useful in the production or utilization of special nuclear material or atomic energy" as recited in 42 U.S.C. 2182 (Department of Energy (DOE)).
- ☒ "have significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. 2457 (National Aeronautics and Space Administration (NASA)).

Accordingly, no patent can issue on this application unless applicant(s) file a statement (under oath or in the form of a declaration as provided by 37 CFR 1.68) setting forth (1) the full facts concerning the circumstances under which the invention was made and conceived and (2) the relationship (if any) of the invention to the performance of any work under any contract or other arrangement with the Agency(ies) noted above. On the reverse side of this form is an example of an acceptable format for this statement. The language appearing in paragraphs III and/or IV of the example *must* appear if applicant is attempting to establish that no relationship (under item 2 above) exists.

If the invention disclosed in this application was developed under a contract, grant or cooperative agreement between the Agency indicated above and a person, small business or non-profit organization and rights to the invention have been determined by specific reference to 35 U.S.C. 202 in the contract, grant or cooperative agreement, then applicant need not submit the statement described above. Instead, applicant may file a verified statement (under oath or in the form of a declaration, 37 CFR 1.68) setting forth the information required by 35 U.S.C. 202(c)(6).

IF NO STATEMENT HAS BEEN RECEIVED WITHIN FORTY-FIVE DAYS OF THE MAIL DATE INDICATED ABOVE, a formal requirement for statement will then be issued. No provision is made for extension of the statutory thirty-day period for response to the formal requirement and the penalty for failure to file an acceptable and timely statement is abandonment of the application. Therefore, applicants are strongly encouraged to submit a statement at this time in order to avoid the issuance of a formal requirement.

IT IS IMPORTANT TO NOTE that the statement must accurately represent the property rights situation of the claimed invention if and when the application is found allowable. Thus, if during prosecution before the examiner, the claimed invention is so altered or the property rights situation so changed as to impact the accuracy of a statement submitted earlier, a supplemental statement must be filed. Failure to submit such additional information where appropriate may be considered a false representation of material facts and render the patent owner vulnerable to loss of patent rights and other sanctions as set forth in the statutes. The PTO will not review allowed applications for this possibility. The responsibility for complying with the statutes rests with the applicants.

Any questions regarding this requirement should be directed to Licensing and Review at ~~(202) 295-4449~~

*(703) 305-0241*

**PLEASE DIRECT ALL COMMUNICATIONS RELATING TO THIS MATTER TO THE  
ATTENTION OF LICENSING AND REVIEW**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

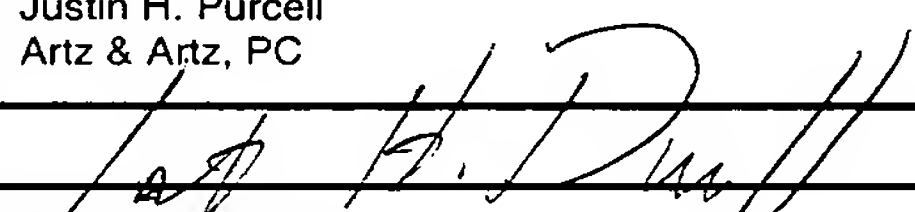
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/604,624	
	Filing Date	August 5, 2003	
	First Named Inventor	Ray F. Campbell	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	6	Attorney Docket Number	BOE 0408 PA

**ENCLOSURES** (Check all that apply)


<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input checked="" type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard
Remarks		

**RECEIVED**  
 MAR 25 2004  
 LICENSING & REVIEW

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Justin H. Purcell Artz & Artz, PC
Signature	
Date	March 22, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Latitia Ford		
Signature		Date	March 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.